



U.S. Environmental Protection Agency (EPA)
National Pollutant Discharge Elimination
System (NPDES)



Request for Chemical Treatment
Under the
2012 Construction General Permit (CGP)

You may submit your draft or complete NOI in place of filling out Sections 1 & 2 if you wish

Section 1.

Authorized official (as defined in CGP) contact name: _____

Authorized official company name: _____

Mailing address: _____

Project contact email address: _____

Project contact telephone number: _____

Section 2.

Site name: _____

Site address: _____

Site contact name (if different than operator): _____

Site contact telephone number (if different than operator): _____

Name(s) of receiving water bodies: _____

Section 3.

Attach a map that illustrates the entire site including all of the below items. Include this map in your Storm Water Pollution Prevention Plan (SWPPP):

- All receiving water bodies
- All proposed location(s) of chemical treatment system(s)
- All proposed point(s) of discharge to receiving water bodies
- All soil types within areas to be disturbed
- All area of earth disturbance
- Sufficient indication of topography to indicate where storm water flows

Attach a schematic drawing of the proposed treatment system(s). Include all components of the treatment train, sample points, and pipe configurations. In addition to sufficient holding capacity upstream of treatment, the system must have the capacity to hold water for testing and to re-treat water that does not meet water quality standards.

Section 4.

Treatment System Operator or Company name (if subcontracted out): _____

Mailing address: _____

Responsible personnel. List personnel who will be responsible for operating the chemical treatment systems and application of the chemicals. Cite the training that the personnel have received in operation and maintenance of the treatment system(s) and use of the specific chemical(s) proposed.

Section 5.

Check Treatment Option Being Requested. Passive, stochastic methods, such as blocks of flocculent material are not approved.

- ☐ Chitosan enhanced sand filtration with discharge to infiltration (ground water)
- ☐ Chitosan enhanced sand filtration with discharge to temporary holding ponds (batch)
- ☐ Chitosan enhanced sand filtration with discharge to surface waters (flow-through)
- ☐ Other (if not one of the above, then submit documentation that the proposed system and chemical(s) have passed the equivalent of the Washington State Department of Ecology Chemical Technology Assessment Protocol (CTAPE) with regard to ability to remove turbidity and produce non-toxic effluent/ discharge) _____

Check chemical being requested

- ☐ FloccClear™ (2% chitosan acetate solution)
- ☐ StormKlear™ LiquiFloc™ (1% chitosan acetate solution)
- ☐ ChitoVan™ (1% chitosan acetate solution)
- ☐ StormKlear™ LiquiFloc™ (3% Chitosan acetate solution)
- ☐ Other _____

Estimated Treatment Period

Begin Date: _____ End Date: _____

Describe sampling and recordkeeping schedule. Attach additional sheets as needed:

Explain why you have selected this combination of chemical and treatment options. Reference how the soil types on your site influenced your choices. Describe or provide an illustration of how the site of the discharge has been stabilized and why the discharge location will not cause erosion of the discharge water's bank or bed (*please note that a permit from the Corps and state agencies may be necessary to place rock in the water body for this stabilization*). Attach as many additional sheets as needed for a full explanation. If you have a report from a chemical treatment contractor describing their recommended approach you may attach that for this question.

Section 6.

I have documented and hereby certify that the following information is correct and has been documented in the Storm Water Pollution Prevention Plan (SWPPP) for this project:

- The SWPPP includes a complete site-specific description of the chemical treatment system herein proposed for use, including specifications, design, and Material Safety Data Sheets for all chemicals to be used.
- The best management practices (BMPs) on the site use all known, available, and reasonable methods of pollution prevention, sediment control, erosion control, and treatment and I ensure that these BMPs will be maintained.
- I reviewed the best management practices on site and those proposed in the SWPPP and have determined that they are compatible with the safe and effective use of chemical treatment.
- I verified through jar tests that the site soil is conducive to chemical treatment.
- I verified that the chemical treatment system operators for this project received training equivalent to that approved by the Washington State Department of Ecology [<http://www.ecy.wa.gov/programs/wq/stormwater/newtech/CESFtraining1.html>].
- I read, understand, and will follow all conditions and design criteria in the applicable use designation(s).
- If the discharge is to tribal waters, I notified the appropriate tribal government of the intent to use chemical treatment on a site located within that jurisdiction.
- I will keep the use level designation, operation and maintenance manual, and training certificate on site prior to and during use of chemical treatment.
- A licensed engineer designed the system for this project including system sizing, pond sizing, and flow requirements.

- I verify that discharge will not adversely affect downstream conveyance systems or stream channels (e.g. cause erosion).

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Authorized official name (printed) _____

Authorized official signature _____ Date: _____

Send completed form to:

EPA Region 10
Construction Stormwater Permit
1200 6th Avenue Ste 900, OWW-130
Seattle, WA 98101

You may also send a signed and dated form to: R10_Stormwater at [epa.gov](mailto:R10_Stormwater@epa.gov)

This form is an example of the information necessary for EPA Region 10 to evaluate requests for chemical treatment under the CGP. It is provided for the convenience of the applicant.